

In the claims:

1. (currently amended) A measuring device (1) for detecting signals, particularly signals in an ignition system of an internal combustion engine, with said measuring device comprising a signal line (2); and a measuring electrode (3) connected to the signal line (2) for coupling a signal to be detected into the signal line (2), wherein the measuring electrode is characterized by a flexible tip (4), wherein the tip (4) includes tubular segments (4'); wherein one end of a segment (4') is pivotably inserted into another end of another segment (4'); and wherein the tip (4) including the tubular segments (4') is lockable into position in a bent state.

2. (original) The measuring device (1) as recited in Claim 1, wherein the length of the tip (4) is variable.

3. (previously presented) The measuring device (1) as recited in Claim 1, wherein the tip (4) is modular in design.

Claims 4-6 cancelled.

7. (previously presented) The measuring device (1) as recited in Claim 1, wherein the measuring electrode (3) is designed as a capacitive primary detector.

8. (previously presented) The measuring device (1) as recited in Claim 1, wherein the measuring electrode (3) includes a cap (3a) that is preferably detachably connected with the measuring electrode (3).

9. (currently amended) The measuring device (1) as recited in Claim 8, wherein the cap (3a) is a cap selected from the group consisting of a cap which is a different color than the tip (4), and/or it includes a cap including other marking means and both.

10. (previously presented) The measuring device (1) as recited in Claim 1, wherein the signal line (2) includes a preferably single-core, shielded line, in particular a coaxial line or a high-voltage cable.

11. (currently amended) The measuring device (1) as recited in Claim 1, wherein an element selected from the group consisting of the measuring electrode (3) and/or, the cap (3a) and/or the tip (4) and/or, a handle (5), and a combination thereof include fastening means for fastening at least part of the measuring device (1).

12. (previously presented) The measuring device (1) as recited in Claim 1, wherein a preferably capacitive voltage divider (6) is provided.

13. (currently amended) The measuring device (1) as recited in Claim 1, wherein an element selected from the group consisting of the tip (4) and/or, the cap (3a) and both are illuminated.

14. (currently amended) The measuring device (1) as recited in Claim 13, wherein the illumination is the illumination selected from the group consisting of an illumination which is supplied externally, in particular via a separate power cord or the signal line (2), ~~and/or it~~an illumination which has a separate power supply, and both.